



A DAMON COMPANY

# FLYING MODEL ROCKETS SUMMER '82



**INSIDE!**  
Valuable Bonus  
Coupons Worth Up  
To \$36.77 In Discounts  
And Special Offers!  
See Pages 9, 11, & 13

**SAVE \$1.75**  
On Orders  
Over \$17.50  
See Page 9 For  
**SUPER BONUS  
COUPON!**

**Now You Can Charge Your  
Order On VISA or Master Charge!**



See the enclosed  
order form.



# "FREE" EMERGENCY REPAIR KIT



A must for every range box. Features many essential materials for "on-the-spot" repair of your model rockets. Includes: Recovery Wadding—144" Shroud Lines—1/8" and 1/4" Shock Cords—Shock Cord Mounts—Launch Lugs—12" Parachute—Recloseable Pouch—Screw Eyes—Universal Safety Key—White Glue Packet—Launch Rod Safety Cap—Tape Discs—Sandpaper

No. 2233 ..... \$2.00 VALUE

**"FREE" EMERGENCY REPAIR KIT**  
(worth \$2.00) when you purchase any one of these kits.

See Bonus Coupon on page 9

## NEARLY 5 FEET LONG!



**COBRA-1500** Skill Level 2  
Attain flights over 700 feet, with "C" type engine, from this extra long sport flier. Perfect demonstration model with large 18" parachute recovery. Length: 59" (149.9 cm) Dia. 1.325" (33.6 mm) Wt. 3.17 oz. (90 g). Ship. Wt. 11 oz. ENGINES: B4-2 B4-4 (1st Flt.) B6-2 B6-4 B8-5 B14-5 C6-5  
No. 1294 ..... \$7.50



**TARTAR** Skill Level 3  
Semi-scale anti-aircraft missile manufactured by Convair Corp. for the U.S. Navy. Actual vehicle is also utilized for ship-to-ship bombardment. Length: 23.25" (59.1 cm) Dia. 1.325" (34 mm) Wt. 2.4 oz. (68 g). Ship. Wt. 10 oz. ENGINES: A8-3 B4-4 (1st Flt.) B6-4 B8-5 C5-3 C6-3 C6-5  
No. 1360 ..... \$6.25



**Patriot** Skill Level 2  
Big, burly and impressive sport model over 25" tall. Spectacular "All-American" red, white, and blue decor. Makes a great demonstration model. Fast, easy construction. Length: 26" (66 cm) Dia. 1.637" (41.6 mm) Wt. 3.3 oz. (94 g). Ship. Wt. 12 oz. ENGINES: B4-2 (1st Flt.) B4-4 B6-2 B6-4 B8-5 C6-5 C6-7  
No. 0652 ..... \$7.95



**RED MAX** Skill Level 2  
Far-out super-fun model. Large stable design gives great sport performance. Length: 16.25" (41.3 cm) Dia. 1.637" (41.6 mm) Wt. 2.38 oz. (67 g). Ship. Wt. 11 oz. ENGINES: B4-2 (1st Flt.) B4-4 B6-2 B6-4 B8-5 C6-5 C6-7  
No. 0651 ..... \$6.95



**BANDIT** Skill Level 2  
Features advanced ejection ducting system. It never needs recovery wadding! High performance design and military style appearance makes the Bandit a really impressive bird. Over 25" long with large payload section. Length: 27.75" (65.4 cm) Dia. 1.325" (33.6 mm) Wt. 2.6 oz. (73.7 g). Ship. Wt. 11 oz. ENGINES: A8-3 B4-4 B6-4 (1st Flt.) B8-5 C6-5  
No. 1248 ..... \$8.50



**Vigilante** Skill Level 2  
Ultra-high performance two-stage model for flights over 1,100 feet. Sleekly designed upper stage returns via 18" parachute while the booster employs tumble recovery. Length: 26.5" (67 cm) Dia. 1.325" (33.6 mm) Wt. 2.25 oz. (64 g). Ship. Wt. 12 oz. ENGINES: UPPER STAGE 1/2A6-4 A8-5 (1st Flt.) B4-6 B6-6 B8-7 B14-7 C6-7 BOOSTER STAGE 1/2A6-0 A8-0 (1st Flt.) B6-0 B8-0 B14-0 C6-0  
No. 1278 ..... \$6.75



Unless otherwise stated, all the model rocketry kits in this catalog are hobby kits requiring assembly. Launch system, engines, glue and finishing supplies are not included. Recommended for ages 10 to adult. Adult supervision suggested for those under 12 years of age when flying model rockets.

©Estes Industries, 1982

- |                            |                                   |
|----------------------------|-----------------------------------|
| Parachute & Size           | Die-Cut Balsa Fins or Paper Parts |
| Quick-Release Engine Mount | Balsa Nose Cone                   |
| Kit Decals                 | Streamer Recovery                 |
| Plastic Nose Cone          | Plastic Fins or Fin Unit          |



## 1982 "NEW" PRODUCTS

**"FREE" YANKEE**  
(worth \$1.95) when  
you purchase any  
two of these 1982  
kits together.  
See Bonus Coupon  
on page 9

# "FREE"

**YANKEE** Easy-to-build, yet performance that will rival any rocket streamer recovery. Length: 11" (27.94 cm) Dia. 0.736" (18.69 mm) Wt. 0.42 oz. (12 g). Ship. Wt. 10 oz. (283.5 g).  
ENGINES: 1/2A6-2 1/2A6-4 A8-3 A8-5 (1st Flt.) B4-4 B4-6 B6-4 B6-6 B8-5 C6-5 C6-7  
No. 1381 ..... \$1.95

**SKILL LEVEL 3**  
Unique design for dramatic space fighter of the future with quad mounted laser cannons in nose and dual fusion reactor engines. Flies over 1,300 feet with C engine. Length: 12.3" (31.29 cm) Dia. 0.976" (24.8 mm) Wt. 1.41 oz. (40 g). Ship. Wt. 10 oz. (283.5 g).  
ENGINES: A8-3 (1st Flt.) B4-4 B6-4 B8-5 C5-3 C6-5  
No. 1374 ..... \$5.75

**SKILL LEVEL 3**  
Futuristic cruise ship for deep space exploration powered by two ion induction engines. An incredible display model. Length: 15.25" (38.7 cm) Dia. 0.976" (24.8 mm) Wt. 1.59 oz. (45 g). Ship. Wt. 10 oz. (283.5 g).  
ENGINES: A8-3 B4-4 (1st Flt.) B6-4 B8-5 C6-5  
No. 1375. \$5.00

## 1982 "NEW" PRODUCTS

**SOARING EAGLE**  
wings unfold. Glide times up to 2 minutes. Length: 23.6" (60 cm) Dia. 0.976" (24.8 mm) Wt. 2.42 oz. (68.5 g). Ship. Wt. 16 oz. (453.6 g).  
ENGINES: B4-2 (1st Flt.) B6-2 B8-5 C5-3 C6-3  
No. 1373 ..... \$7.00

**SKILL LEVEL 4**  
Estes' first flex-wing glider. Goes up like a rocket, pod ejects and glides. Length: 23.6" (60 cm) Dia. 0.976" (24.8 mm) Wt. 2.42 oz. (68.5 g). Ship. Wt. 16 oz. (453.6 g).  
ENGINES: B4-2 (1st Flt.) B6-2 B8-5 C5-3 C6-3

**MACH-2** Experimental sounding rocket design. This bird is easy-to-assemble and mighty "D" engine powered for flights over 1,000 feet. Length: 25.5" (64.8 cm) Dia. 1.637" (41.6 mm) Wt. 2.6 oz. (72.3 g). Ship. Wt. 12 oz. (340.2 g).  
ENGINES: D12-5 (1st Flt.) D12-7  
No. 1379 ..... \$6.50

**NASA Pegasus** Medium range research craft for NASA missions after the Space Shuttle. Flies over 850 feet. Length: 19.75" (50.2 cm) Dia. 1.325" (33.7 mm) Wt. 2.36 oz. (67 g). Ship. Wt. 11 oz. (311.1 g).  
ENGINES: A8-3 (1st Flt.) B4-2 B6-4 B8-5 C5-3 C6-3  
No. 1376 ..... \$6.00

**NERVULES** Clear payload section highlights this two-stage or two-stage model. Sleek design that can be flown as a single or two-stage model. Length: 21.5" (54.93 cm) Dia. 0.976" (24.8 mm) Wt. 1.84 oz. (52 g). Ship. Wt. 10 oz. (283.5 g).  
ENGINES: SINGLE STAGE: A8-3 (1st Flt.) B4-4 B6-4 B8-5 C6-5 UPPER STAGE: A8-5 (1st Flt.) B6-6 B8-5 C6-7 BOOSTER A8-0 (1st Flt.) B6-0 C6-0  
No. 1377 ..... \$5.50

Engines, Launch System, Glue, and Finishing Supplies not included.



## INTERPLANETARY VOYAGERS

**"FREE" STAR DART**  
(worth \$2.25)  
when you purchase  
any one of these  
INTERPLANETARY  
VOYAGERS  
See Bonus Coupon  
on page 9

**INCREDIBLE STARSHIPS  
OF THE FUTURE!!!**

**STAR  
DART**

**"FREE" SKILL LEVEL 1**  
High performance, mini-engine powered sport rocket. Flies over 1,000 feet and returns via streamer recovery. Very easy-to-assemble. Length: 8.4" (21.3 cm) Dia. 0.541" (13.7 mm) Wt. .225 oz. (6.4 g). Ship. Wt. 6 oz. (170 g).  
ENGINES: 1/4A3-2T (1st Flt.) 1/4A3-4T 1/2A3-4T A3-6T

No. 0860 ..... \$2.25 VALUE

**Star  
ship NOVA**

**SKILL LEVEL 3**  
Truly awesome in appearance, this inter-galactic explorer is believed to be outfitted with both conventional atomic engines and hyper-space starlight drive. Heavily armed with multiple phaser banks, photon torpedos, and energy deflection shields, the Nova is prepared to meet any foe. The Estes version of the magnificent starship is perfect for demonstrations and really great for display. Length: 19.75" (50.2 cm) Dia. .976" (24.8 mm) Wt. 2.3 oz. (65 g). Ship. Wt. 10 oz. (283 g).  
ENGINES: B4-2 (1st Flt.) B6-2 C5-3 C6-3

No. 1371 ..... \$6.75

**Satellite  
Interceptor**

**SKILL LEVEL 3**  
Ultra-sophisticated interceptor designed to patrol near-space for possible aggression by hostile satellites. Kit features include printed balsa fins, plus plastic nose and exhaust cones. Flies over 600 feet. Length: 22.25" (56.5 cm) Dia. 0.976" (24.8 mm) Wt. 1.38 oz. (39 g). Ship. Wt. 10 oz. (283 g).  
ENGINES: 1/2A6-2 A8-3 B4-4 (1st Flt.) B6-4 B8-5 C6-5 C6-7

No. 1296 ..... \$5.75

## INTERPLANETARY VOYAGERS

**S.S. CASSIOPEIA**

**SKILL LEVEL 3**  
Envisioned as an interplanet-ary passenger starship by Estes engineers. This impressive model is a challenge to build and beautiful to display. Dramatic flights up to 900 feet. Length: 32" (81.3 cm) Dia. 0.976" (24.8 mm) Wt. 2.2 oz. (62.5 g). Ship. Wt. 10 oz. (283 g).  
ENGINES: B4-2 B4-4 B6-2 B6-4 (1st Flt.) B8-5 C6-5 C6-7

No. 1369 ..... \$6.75

**Odyssey**

**SKILL LEVEL 2**  
This unique interstellar spacecraft is conceived to perform a variety of space rescue, exploratory, or intruder intercept missions. Impulse power unit jettisons after lift-off from planetary launch site. Its two-man crew and engineering section are then accelerated to near-light velocities for rendezvous and space rescue operations. Our version features super-detailed plastic nose section. Length: 24.1" (61.2 cm) Dia. 1.325" (33.7 mm) Wt. 2.40 oz. (68 g). Ship. Wt. 11 oz. (311 g).  
ENGINES: B4-4 B6-4 (1st Flt.) B8-5 C6-5

No. 1289 ..... \$6.75

**Skytracer**

**SKILL LEVEL 2**  
Interplanetary fighter craft designed with dual directional thrusters, wing mounted laser cannons, and dramatic canopy nose cone. A challenging Skill Level 2 exotic model. Length: 13" (33 cm) Dia. 0.976" (24.8 mm) Wt. 1.9 oz. (54 g). Ship. Wt. 6 oz. (170 g).  
ENGINES: A8-3 (1st Flt.) B4-4 B6-4 B8-5 C5-3 C6-5

No. 1361 ..... \$5.75

**Vindicator**

**SKILL LEVEL 3**  
really sharp display model with starlight camouflage decor. Great demonstration model with flights up to 900 feet. Length: 25.5" (64.8 cm) Dia. 1.325" (33.7 mm) Wt. 2.6 oz. (72.4 g). Ship. Wt. 10 oz. (283 g).  
ENGINES: B4-2 B6-2 B6-4 (1st Flt.) B8-5 C6-3 C6-5

No. 1367 ..... \$6.75

Engines, Launch System,  
Glue, and Finishing Supplies  
not included.



**SKILL LEVEL 3**  
fine in straig

**SKILL LEVEL 3**  
 Lifts-off with main fins in straight-away position. Engine's ejection charge allows rear fin tips to snap sideways causing rotor effect and helicopter recovery. Length: 9.8" (24.9 cm) Dia. 0.736" (18.7 mm) Wt. 0.6 oz. (17 g). Ship. Wt. 10 oz. (283 g).  
**ENGINES:** 1/2A6-2 (1st Flt.) A8-3 B4-4 B6-4  
 B8-5

**\$3.75 Value**

**No. 1224 . . . . . \$3.75 Value**

**"FREE"  
GYROC**  
(worth \$3.75)  
when you purchase  
any one of these  
exciting kits.

See Bonus Coupon on page 9

**NEW!**

**30"  
TALL!**

# PHOENIX

**SKILL LEVEL 3**  
semi-scale

**PHOENIX**  
Phoenix air-to-air supersonic missile.  
er engine provides a slow, realistic lift-off. Length: 30"  
Dia. 2.60" (66 mm) Wt. 6.6 oz. (188 g). Ship.  
Wt. 32 oz.  
ENGINE: D12-3 (1st Flt.)  
No. 1380 . . . . \$9.95

ENGINE: D12-5  
No. 1380 . . . . \$9.95

**SKILL LEVEL 4**

**BOEING A.L.C.M.**  
**CRUISE**  
**MISSILE**  
accuracy to

**BOEING A.I.C.M.**  
**CRUISE MISSILE**

Designed to be launched from a large aircraft, Cruise Missile can deliver a nuclear warhead with pinpoint accuracy to its target. Includes a 4-color decal sheet, and wings that swing out for display. Length: 12.3" (31.2 cm) Wing Span 7.75" (19.69 cm) Wt. 2.79 oz. (78.8 g). Ship. Wt. 16 oz.

ENGINES: A8-3 B4-4 (1st Flt.) B6-4 B8-5 C6-5

No. 1336 . . . . \$9.95

ENGINES: A8-3  
No. 1336 . . . . \$9.95

**LTV Scout** 1/24 SCALE  
This is a four-stage solid-propellant  
This model is extremely

**LTV Scout** 1/24 SCALE  
The Scout is a four-stage solid-propellant launch vehicle used for orbital, probe and re-entry missions. This model is extremely detailed with many plastic parts. Length: 36.09" (91.67 cm) Dia. 1.637" (41.58 mm) Wt. 3.85 oz. (109 g). Ship. Wt. 10 oz. ENGINE: C6-5

**Reg. \$9.95**

Engines, Launch System,

No. 1287 . . . . . Reg. \$9.95

**Engines, Launch System,  
Glue, and Finishing Supplies  
not included.**

Place Stamp Here

**Be Sure To Enclose Special Offer Coupons**

**ESTES INDUSTRIES**  
*"Model Rocket Capital of the World"*  
 PENROSE, CO. 81240 USA





# HOW TO ORDER — FOLLOW THESE EASY STEPS FOR BEST SERVICE

This order form replaces all previous order forms. Please be sure that you use the correct and full catalog number for each item when you order. All prices are subject to change without notice. **WHEN SENDING ORDER BE SURE TO GIVE ZIP CODE IN YOUR ADDRESS.**

## POSTAGE

Estes Industries ships all retail orders POST-PAID in the U.S. by regular land mail or UPS.

## PAYMENT ON ORDER

Full payment must accompany all orders. Please send all remittances by either check or money order, both for your protection and our convenience. If you do send currency, be sure your envelope has sufficient postage, is properly sealed, and is addressed correctly to assure delivery. Coins should be attached to a separate sheet of paper, not to the order blank. Use a single strip of masking tape to hold the coins in place. Avoid the mailing of coins, as they are easily lost in the mail. We cannot assume responsibility for the loss of coins, currency, or orders in the mail. Remember to include sufficient funds with your order. For your protection, we do not ship orders C.O.D. Proper attention to these details will result in speedier service for you.

## IMPORTANT

Estes model rocketry products are recommended for ages 10 to adult. Adult supervision is suggested for those under 12 years of age when flying model rockets.

Your order may, for various reasons, have to be shipped in more than one package. If all of your order does not come at the same time, please be patient and give the balance of the order time to arrive.

NOTE: All foreign orders require additional postage. Please write for more information on postage and mailing restrictions.

## PRIORITY MAIL (Air Mail) SERVICE

While Estes Industries specializes in fast service, sometimes extra speed is necessary. The Post Office offers a service called Priority Mail which gives packages and parcels the fastest handling and transportation possible. **PRIORITY MAIL CANNOT INCLUDE MODEL ROCKET ENGINES, AS ORDERS CONTAINING ENGINES CAN ONLY BE SHIPPED BY PARCEL POST OR UPS AT THIS TIME.**

For other items on which you desire extra rapid delivery, additional postage may be included for Priority Mail. Shipping weights are given on all items. Total up the shipping weights on the items you are ordering, then find the amount to allow for extra postage on the chart below. When your order is processed you will be charged only for the difference between regular parcel post and priority mail - any excess will be refunded.

|                                   |        |                       |        |        |         |
|-----------------------------------|--------|-----------------------|--------|--------|---------|
| WEIGHT<br>(UP TO BUT<br>NOT OVER) |        | 10 oz.<br>to<br>1 lb. | 2 lbs. | 3 lbs. | 4 lbs.  |
| Allow →                           |        | \$ .80                | \$1.13 | \$1.51 | \$1.93  |
| 5 lbs.                            | 6 lbs. | 7 lbs.                | 8 lbs. | 9 lbs. | 10 lbs. |
| \$2.48                            | \$3.13 | \$3.73                | \$4.33 | \$4.93 | \$5.53  |

For orders 9 ounces or less, send 9¢ per ounce.

"Estes is an equal opportunity employer."

903,028C

## ESTES FULL ONE YEAR WARRANTY

Your Estes product is warranted against defects in materials or workmanship for one year from the date of the original purchase. Any Estes product which, because of a manufacturing mistake, malfunctions or proves to be defective within the one-year warranty period will be repaired or replaced, at Estes' option and at no charge to you, provided it is returned to Estes with proof of purchase.

This warranty does not cover incidental or consequential damage including injury or damage to persons or property caused by the use, abuse, misuse, failure to comply with operating instructions or improper storage of the warranted product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

For repair or replacement under this warranty, please return the defective part of your Estes product with proof of purchase to: Estes Industries, Customer Service Department, Penrose, Colorado 81240.

TEAR HERE AND  
INSERT IN ENVELOPE

*Thank you for ordering*

TEAR HERE AND  
INSERT IN ENVELOPE

FOLD HERE AND SEAL

## HAVE YOU ORDERED EVERYTHING YOU NEED? IS YOUR MONEY ORDER OR CHECK ENCLOSED? DID YOU CHECK YOUR MAILING ADDRESS AND ZIP? DID YOU FILL IN ALL CREDIT CARD INFORMATION? —HELP US TO SERVE YOU BETTER—

Your comments will assist us in providing you with better service and even more exciting products.

1. What types of scale models would you like to see Estes produce? \_\_\_\_\_

2. Do you prefer ☐ Large or ☐ Small size models?

3. Do you think Estes kits are generally ☐ Easy, ☐ Average or ☐ Difficult to assemble considering their recommended skill level?

4. Are Estes kit instructions easy to follow? ☐ Yes ☐ No

5. Would you prefer more plastic parts for simpler assembly and better detail? ☐ Yes ☐ No

6. What Skill Level of kits do you prefer to build?  
☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

7. My three favorite types of model rockets are  
☐ Single Stage ☐ Scale Model ☐ Boost Glider  
☐ Sport Flier ☐ Futuristic Design ☐ Maxi-Brute  
☐ Mini-Brute ☐ Multi-Stager  
☐ "D" Powered ☐ Payload

8. I became interested in model rocketry because of:

☐ a friend ☐ film ☐ gift  
☐ school ☐ magazine ad ☐ hobby shop  
☐ rocket club ☐ saw a launch ☐ department store  
☐ article ☐ comic book  
☐ TV ☐ other \_\_\_\_\_

9. My favorite type of scale model is:

☐ Military Scale ☐ NASA Scale ☐ Sounding Scale

10. What product other than model rockets would you like to see Estes produce:

☐ Electric RC Cars/ ☐ Kits ☐ Pre-Assembled  
☐ Powered Boats/ ☐ Kits ☐ Pre-Assembled  
☐ RC Airplanes/ ☐ Kits ☐ Pre-Assembled  
☐ U-Control Airplanes/ ☐ Kits ☐ Pre-Assembled  
☐ Solar Kits ☐ Construction Sets  
☐ Slot Racing ☐ HO Scale ☐ 1/32nd. Scale  
☐ Other \_\_\_\_\_

11. Age \_\_\_\_\_ Grade \_\_\_\_\_

12. ☐ Male ☐ Female

— THANK YOU FOR YOUR ASSISTANCE —

*Send a Friend a Catalog!*

☐ Please rush a "New" ESTES Model Rocketry Catalog to:

Friend's Name \_\_\_\_\_  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_  
STATE \_\_\_\_\_ ZIP \_\_\_\_\_ Dept. 50N

☐ Please rush a "New" ESTES Model Rocketry Catalog to:

Friend's Name \_\_\_\_\_  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_  
STATE \_\_\_\_\_ ZIP \_\_\_\_\_ Dept. 50N





# ORDER FORM

Please Print Name And Address Below Unless It Appears On Label.  
Correct Address On Label If Necessary.

400N  
387  
386  
385  
384  
383  
382

Your Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Phone ( ) \_\_\_\_\_ Birth Date \_\_\_\_\_ mo. day yr  
For Estes Use Only  
1 \_\_\_\_\_ EAC \_\_\_\_\_  
2 \_\_\_\_\_ 3 \_\_\_\_\_

**MOVED RECENTLY?** If you have moved since your last order please give us your old address.

NAME \_\_\_\_\_ ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_



You may now charge your Estes order on your VISA or Master Charge Card providing your order is \$10.00 or more. Simply fill in the information below.

VISA Card No. \_\_\_\_\_

Master Charge Card No. \_\_\_\_\_

Expiration Date \_\_\_\_\_

Card Holder's Signature \_\_\_\_\_

(As it appears on card.)  
ESTES INDUSTRIES, PENROSE, COLO. 81240 (\$10.00 Minimum Order For Credit Card Orders.)

| Cat. No. | Qty. | Product Description | Unit Price | Total |
|----------|------|---------------------|------------|-------|
| 1        |      |                     |            |       |
| 2        |      |                     |            |       |
| 3        |      |                     |            |       |
| 4        |      |                     |            |       |
| 5        |      |                     |            |       |
| 6        |      |                     |            |       |
| 7        |      |                     |            |       |
| 8        |      |                     |            |       |
| 9        |      |                     |            |       |
| 10       |      |                     |            |       |
| 11       |      |                     |            |       |
| 12       |      |                     |            |       |

☐ I am an "Active" EAC Rocketeer.

**HANDLING CHARGES**  
Order Amount  
\$0 to \$15.00 \$1.50  
\$15.01 to \$30.00 \$2.00  
\$30.01 and UP \$2.50

**PLEASE PRINT PLAINLY IN INK**  
(If additional space is needed use a separate sheet of paper.)

Priority Postage (If Desired) / State Sales Tax 3% (Colo. Residents Only)  
Add Handling Charge  
Amount This Order  
Add Balance Due Estes Ind. From Previous Order  
Subtract Previous Order Credit (Credit Slip(s) Enclosed)

**TOTAL PAYMENT ENCLOSED**

# SUMMER 1982 BONUS COUPONS

Save up to \$36.77 In Discounts  
And Special Offers From This  
Estes Catalog!

## How To Use These Bonus Coupons

When you decide on a purchase from this catalog, look to see if you can use one of the Bonus Coupons. For example if you purchase the Solar Launch Controller on page 10 you can use the Bonus Coupon which allows you \$1.00 toward the purchase of this regularly \$9.50 kit. You would cut out the Bonus Coupon . . . send it in with your order and your check or money order for \$8.50 plus handling charge of \$1.50 . . . and you will receive the Solar Launch Controller for \$1.00 off the regular price. Be sure to enclose all Bonus Coupons used with the order form in your return envelope. Only one Bonus Coupon allowed per each kit purchased. Super Bonus Coupon may be used with other Bonus Coupons providing order is \$17.50 or more.

You CANNOT use these Bonus Coupons at your retail dealer. All offers expire 2-1-'83. Substitutions will be made when necessary. Prices are subject to change without notice. Multiple coupons CANNOT be used for the purchase of a single kit. If order is \$17.50 or more Super Bonus Coupon may be used with other Bonus Coupons.

## SUPER BONUS COUPON Worth \$1.75

Toward the purchase of  
\$17.50 or more  
from this catalog  
Expires 2-1-83

#7663



## Bonus Coupon "FREE" EMERGENCY REPAIR KIT (#2233) Worth \$2.00

when you purchase any kit on  
pages 2 & 3  
(See Pages 2 & 3) Expires 2-1-'83

#7664



## Bonus Coupon "FREE" YANKEE (#1381) Worth \$1.95

when you purchase any two  
1982 new kits on pages 4 & 5  
(See Pages 4 & 5) Expires 2-1-83

#7665



## Bonus Coupon "FREE" STAR DART (#0860) Worth \$2.25

when you purchase one of the  
INTERPLANETARY VOYAGERS  
on pages 6 & 7  
(See Pages 6 & 7) Expires 2-1-'83

#7666



## Bonus Coupon "FREE" GYROC Worth \$3.75

When you purchase one of the  
kits on page 8  
(See Page 8) Expires 2-1-'83

#7667



## Bonus Coupon Worth \$1.00

Toward the purchase of a  
FIN ALIGNMENT GUIDE (#2231)  
(See Page 10) Expires 2-1-'83

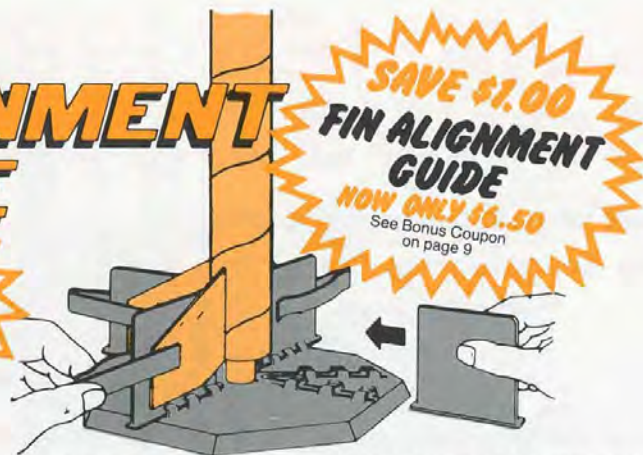
#7668

ORDER DATE  
EFFECTIVE 9-1-'81



# FIN ALIGNMENT GUIDE

• QUICK  
• EASY  
• ACCURATE



SAVE \$1.00  
FIN ALIGNMENT  
GUIDE  
NOW ONLY \$6.50  
See Bonus Coupon  
on page 9

Position and glue fins quickly and easily. Fits body tubes up to BT-101. Designed for either 3 or 4 finned rockets aligning fins at 90° or 120° to each other. Easily assembled with slip-together plastic parts. Adjusts quickly with plastic fin position clips. Ship. Wt. 6 oz.

No. 2231 Reg. ~~\$7.50~~



## Designer's Special

Ideal parts assortment for the creative rocketeer. Develop your own R & D Program. Over 75 pieces at an excellent savings!

### Body Tubes

2 BT-5  
2 BT-20  
2 BT-50  
1 BT-55  
1 BT-60

### Nose Cones

1 BNC-5E  
1 BNC-5S  
1 BNC-20B  
1 BNC-20R  
1 PNC-50KA  
1 PNC-50Y  
1 PNC-55AC  
1 PNC-60L

### Fin Material

2 BFS-20  
2 BFS-30  
2 BFS-40

### Parachutes

1 PK-10  
2 PK-12  
1 PK-18  
1 PK-24

### Recovery Equipment

3 Shock Cord 1/8" x 18"  
1 Shock Cord 1/8" x 36"  
1 Shock Cord 1/4" x 36"  
1 Streamer Material 1" x 30"  
6 Screw Eyes

### Miscellaneous

3 Engine Blocks (EB-20A)  
3 Engine Holders (EH-3)  
3 Engine Holders (EH-2)  
1 Engine Mount (EH-2050)  
1 Engine Mount (EH-2060)  
1 Nose Block (NB-20)  
1 Nose Block (NB-50)  
1 Stage Coupler (JT-55C)  
1 Stage Coupler (JT-60C)  
1 Balsa Adapter (TA-2050A)  
1 Multi-Purpose Paper Adapter Set (TA-1)  
12 Launch Lugs (2-3/8" Long)  
1 Alpha Book of Model Rocketry  
1 Fin Pattern Sheet No. 2  
1 Fin Pattern Sheet No. 3

Ship. Wt. 2 lbs.

No. 1463 ..... Reg. ~~\$19.95~~

## SOLAR LAUNCH CONTROLLER

Futuristically designed launch control unit that requires only four alkaline pen light batteries for power. Unit is easily assembled in minutes and features safety key, continuity check lamp, ignition button, and 15 feet of light-weight launch cable. Use with Estes Solar Igniters. (Batteries not included.) Ship. Wt. 8 oz.

No. 2300 ..... Reg. ~~\$9.50~~

Page 10



SAVE \$1.00  
SOLAR LAUNCH  
CONTROLLER  
NOW ONLY  
\$8.50  
See page 11 for  
Bonus Coupon



## ATTENTION ROCKETEERS!



Tell your parents that your **Estes products for Birthday gifts and other occasions can now be charged on their VISA or Master Charge Cards. Minimum credit card order is \$10.00.**

See the enclosed order form for more information!



20% OFF  
Mighty "D"  
Engine Special  
SAVE \$2.97  
See Bonus Coupon on page 11

## BIG \$14.85 VALUE

Receive Three Each D12-3, D12-5, and D12-7 High Performance Estes Engines Plus Solar Igniters. A Total of 9 Popular "D" Engines. Ship. Wt. 1 lb. 3 oz.

No. 1770 .... **ONLY \$11.88**

## SUMMER '82 BONUS COUPONS



#7669

Bonus Coupon

Worth \$2.00

Toward the purchase of a Designer's Special Parts Assortment (#1463)

(See Page 10) Expires 2-1-'83



#7670

Bonus Coupon

Worth \$1.00

Toward the purchase of SOLAR LAUNCH CONTROLLER (#2300)

(See Page 10) Expires 2-1-'83



#7671

Bonus Coupon

Worth \$2.97

Toward the purchase of a 20% off Mighty "D" ENGINE SPECIAL (#1770)

(See Page 11) Expires 2-1-'83



#7672

Bonus Coupon

"FREE" C6-3 Engines (Pkg. of 3 with igniters)

Worth \$2.95

when you purchase a MERCURY REDSTONE (#5131)

(See Page 12) Expires 2-1-'83



#7673

Bonus Coupon

"FREE" C5-3S Engines (2 Pkgs of 3 plus igniters - Total of 6 engines)

Worth \$5.90

when you purchase a SATURN V (# 5142)

(See Page 12) Expires 2-1-'83

Page 11



# Attention Rocketeers!



Now you can order these quality products manufactured by Centuri Flying Model Rockets direct from Estes Industries - - - and at exciting Bonus Discounts too! Just order as you would other Estes merchandise and use the enclosed order form. All Estes engines can be used in Centuri rockets.

**SAVE \$2.95 "FREE" C6-3 ENGINES**  
(Pkg. of 3 With Igniters)  
when you purchase  
**#5131 MERCURY REDSTONE**  
See page 11 for Bonus Coupon.

**SAVE \$5.90 "FREE" C5-3S ENGINES**  
(2 Pkgs. of 3 With Igniters)  
Total of 6 Engines  
when you purchase  
**#5142 SATURN V**  
See page 11 for Bonus Coupon



**MERCURY REDSTONE** This beautiful model of Freedom 7, America's first manned spaceflight, will make a fine addition to your rocket collection. This 1/36th scale model features a molded plastic Mercury capsule and escape tower. The Mercury Redstone lifts slowly off the pad—just like the real rocket. Length: 29 in. (73.7 cm) Dia.: 2.04 in. (5.2 cm) Net Wt.: 3.7 oz (104.9 g)  
Engines: B4-2, C6-3, C5-3S  
Prod. No. 5131..... Only \$12.50

**SATURN V** Over the past 12 years, the Centuri Saturn V has been acknowledged as model rocketry's finest scale Saturn. This huge model stands over 43 inches tall. It is beautifully detailed right down to the vacuum-formed plastic body wrappers. Includes removable F-1 engine cluster power. Also included is a 12 page historical brochure on the Saturn rockets, including the Saturn V that took America to the Moon. Length: 43.6 in. (110.7 cm) Dia.: 3.96 in. (10.1 cm) Net. Wt.: 9.2 oz. (260.8g)  
Engines: (Requires three per flight) C6-3, C5-3S.  
Prod. No. 5142..... Only \$36.95

Engines, Launch System, Glue, and Finishing Supplies not included.

## HIGH PERFORMANCE WIZARD

Skill Level 1

- \* Kit Decals
- \* Easy-To-Assemble
- \* Huge 30" Streamer Recovery
- \* Flights Up To 1600 Feet
- \* Die-Cut Balsa Fins
- \* 12" Long (30.5 cm)



Recommended Engines:  
1 2A6-4 A8-3 A8-5 (First Flight)  
B4-4 B4-6 B6-4 B6-6 B8-5 B8-7 C6-7

Ship Wt. 5 oz No. 1292

Reg. \$2.50

Just fill-in the names of four of your friends on the form below who would like to receive a copy of our new, full-color, 64 page Estes Catalog and we'll send you a Wizard rocket kit for... Only \$1.00  
Be sure to include this Special Form and Bonus Coupon with your next order!

|            |                       |            |                       |
|------------|-----------------------|------------|-----------------------|
| Dept. 49Y  |                       | Dept. 49Y  |                       |
| Name _____ | Address _____         | Name _____ | Address _____         |
| City _____ | State _____ Zip _____ | City _____ | State _____ Zip _____ |
| Dept. 49Y  |                       | Dept. 49Y  |                       |
| Name _____ | Address _____         | Name _____ | Address _____         |
| City _____ | State _____ Zip _____ | City _____ | State _____ Zip _____ |

**ESTES** Bonus Coupon #7674  
**Worth \$1.50**  
Toward the purchase of a WIZARD Rocket when you request an Estes Catalog for four of your friends on the enclosed special order form.  
(See Page 13) Expires 2-1-'83

**ESTES** Bonus Coupon #7677  
**Worth \$2.00**  
Toward the purchase of a SATELLITE KILLER (#5345)  
(See Page 15) Expires 2-1-'83

**ESTES** Bonus Coupon #7675  
**"Free" Viking Kit #5440**  
**Worth \$2.25**  
when you purchase any kit on page 14  
(See Page 14) Expires 2-1-'83

**ESTES** Bonus Coupon #7678  
**Worth \$1.00**  
Toward the purchase of a MAGNUM SAM-3 (#5355)  
(See Page 15) Expires 2-1-'83

**ESTES** Bonus Coupon #7676  
**Worth 75¢**  
Toward the purchase of a MAGNUM SPRINT (#5356)  
(See Page 15) Expires 2-1-'83

**ESTES** Bonus Coupon #7679  
**"FREE" 24" Mylar Parachute**  
**Worth \$1.75**  
when you purchase a BLAST-OFF FLIGHT PAK (#1672)  
(See Page 16) Expires 2-1-'83



Centuri

**"FREE"**  
**VIKING #5440**  
**(Worth \$2.25)**  
**when you purchase**  
**any kit on this**  
**page.**  
See Bonus Coupon on page 13

**VIKING** Easy to build and fun to fly. A great beginner model that requires no painting. Length: 12" (30.5 cm) Dia.: .76" (1.9 cm) Net Wt.: 8 oz. (22.7 g)  
ENGINES: 1/2A6-2, A8-5, B4-6, B6-6, C6-7  
Prod. No. 5440.....Worth \$2.25

**SKILL LEVEL 1**



**SR-71 BLACKBIRD** The SR-71 is the U.S. Air Force's long range advanced strategic reconnaissance aircraft, capable of flying above 80,000 feet at three times the speed of sound. Includes D-convertible engine mount. Length: 27.5 in (69.8 cm) Net Wt.: 6.6 oz. (187 g)  
ENGINES: C6-3, C5-3S, D12-5  
Prod. No. 5349.....Only \$12.95

**SKILL LEVEL 3**



**BONUS!**  
**INCLUDES ONE**  
**D12-5 ENGINE**  
**PLUS IGNITER**  
**FREE!**

**MAGNUM JAYHAWK** Spectacular 1/5 scale model of the Navy's AQM-37A target drone. This massive model rocket is over 30 inches long. Fantastically detailed, it is a challenge for all modelers. Includes special tech data booklet on the AQM-37A. Designed for the advanced modeler, this is a kit you'll be proud to display and fly. Length: 30.4 in. (77.22 cm) Dia.: 2.6 in. (6.6 cm) Net Wt.: 9.21 oz. (261 g)  
ENGINES: D12-3  
Prod. No. 5342.....Only \$15.95

**SKILL LEVEL 5**



**THUNDER ROC** Longest kit in the Centuri line, the Thunder-Roc lumbers off the pad under either Super-C or Magnum D power. Convertible engine mount included. Length: 61.5 in. (156.2 cm) Dia.: 1.64 in. (4.2 cm) Net Wt.: 6.6 oz. (187 g)  
ENGINES: C5-3S, D12-5  
Prod. No. 5340.....Only \$9.95

**SKILL LEVEL 3**



Centuri

**SAVE .75¢**  
**MAGNUM D SPRINT**  
**NOW ONLY \$3.75**  
See Bonus Coupon on page 13

**MAGNUM SPRINT** Designed for high performance with Magnum D engines. SPRINT is a great display model too. Length: 23.25 in. (59.0 cm) Dia.: 1.325 in. (33.6 mm) Net Wt.: 1.95 oz. (42 g)  
ENGINES: D12-7  
Prod. No. 5356.....Reg. \$4.50

**SKILL LEVEL 2**



**SAVE \$1.00**  
**MAGNUM SAM-3**  
**NOW ONLY \$5.50**  
See Bonus Coupon on page 13

**MAGNUM SAM-3** Magnum-D powered version of the Russian SAM-3 surface-to-surface missile. Two-stage performance with a Magnum D engine in the first stage and a regular Enerjet engine in the upper stage. Upper stage can be flown as a single stage model as well. Length: 26.875 in. (68.3 cm) Dia.: 1.637 in (41.6 mm) Net Wt.: 2.78 oz. (78.8g)  
ENGINES: Single Stage: A8-3, B4-4, B4-6, B8-5, C6-5, C5-3S  
Upper Stage: A8-5, B4-4, B4-6, B8-5, C6-7  
Booster: D12-0  
Prod. No. 5355.....Reg. \$6.50

**SKILL LEVEL 3**



**SAVE \$2.00**  
**SATELLITE KILLER**  
**NOW ONLY \$6.00**  
See Bonus Coupon on page 13

**SATELLITE KILLER** This futuristic defense satellite is designed to identify and destroy enemy satellites, using special electronic and laser equipment. Kit features unique rear-ejection recovery system. Height: 6.5 in. (16.5 cm) Full Dia.: 12.25 in. (31.1 cm) Net Wt.: 3.5 oz. (99.2 g)  
ENGINES: C6-3, C5-3S  
Prod. No. 5345.....Reg. \$8.00



Engines, Launch System,  
Glue, and Finishing Supplies  
not included.



**"FREE"**

24" Bright Red and Silver  
MYLAR PARACHUTE  
(worth \$1.75)  
when you purchase the  
Blast-Off Flight Pack #1672  
See page 13 for Bonus Coupon



GLEAMS LIKE  
A JEWEL HIGH  
UP IN SPACE!

**BLAST-OFF  
FLIGHT PAK**  
**\$24.35** **SAVE**  
**VALUE \$8.36**

Ideal Engine Assortment For The  
Active Rocketeer. Features 24 of  
The Most Popular Estes Model  
Rocket Engines, plus Solar Igniters  
and Parachute Recovery Wadding.  
Priced At An Excellent Savings.

Includes:  
Six 1 2A6-2 High Performance Model Rocket Engines  
Six A8-3 High Performance Model Rocket Engines  
Six B6-4 High Performance Model Rocket Engines  
Six C6-5 High Performance Model Rocket Engines  
30 Solar Igniters  
One Pkg. Parachute Recovery Wadding No. 1672

**ONLY \$15.99**

**INSIDE!**  
Valuable Bonus  
Coupons Worth Up  
To \$36.77 In Discounts  
And Special Offers!  
See Pages 9, 11, & 13

**SAVE \$1.75**  
On Orders  
Over \$17.50  
See Page 9 For  
**SUPER BONUS  
COUPON!**



A DAMON COMPANY

**ESTES INDUSTRIES**  
PENROSE, CO 81240 USA

**BULK RATE**  
**U.S. POSTAGE PAID**  
**ESTES INDUSTRIES**

383  
KEVIN BROWN  
2059 MAPLEWOOD LANE  
LIMA

OH 45806